

Figure 1

Sequencing Multiple Units - Unique ESNs, MINs, Phone Numbers

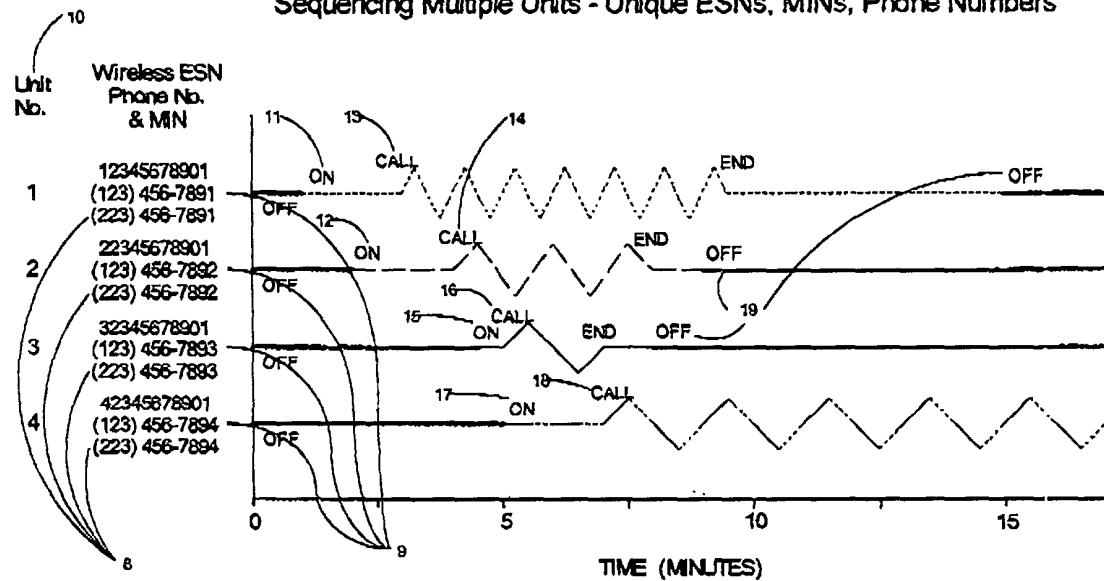


Figure 2

Sequencing Multiple Units - Same ESNs, MNs, Phone Numbers

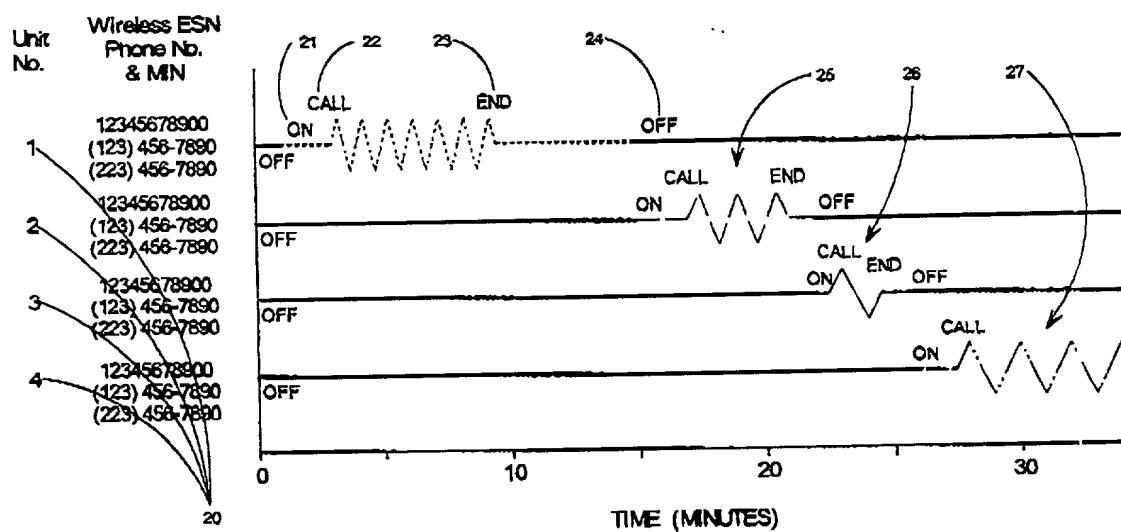


Figure 3

Automatic Time Sharing - Same ESNs, MINs, Phone Numbers
4 Units, Each Allocated 15 Minutes Per Hour

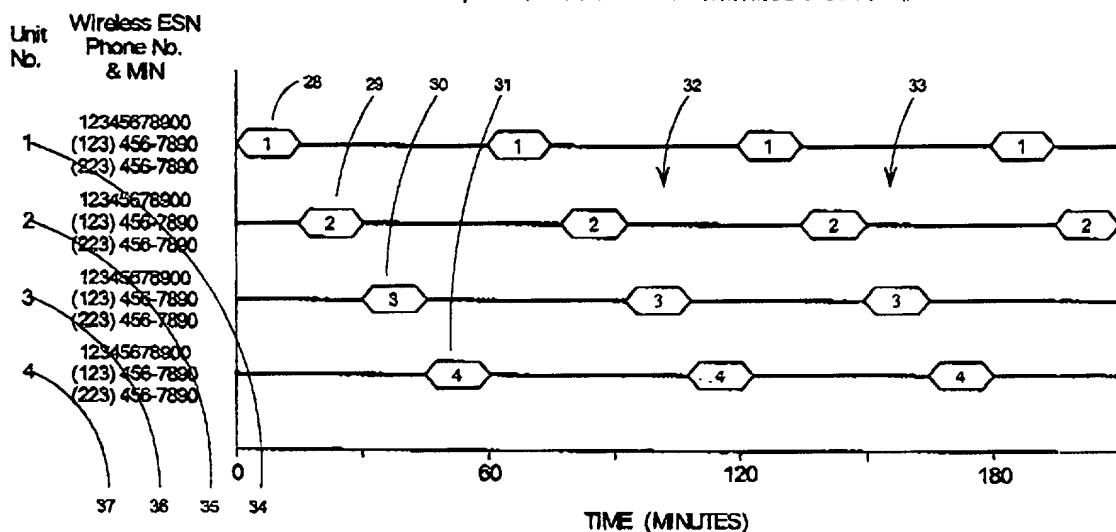
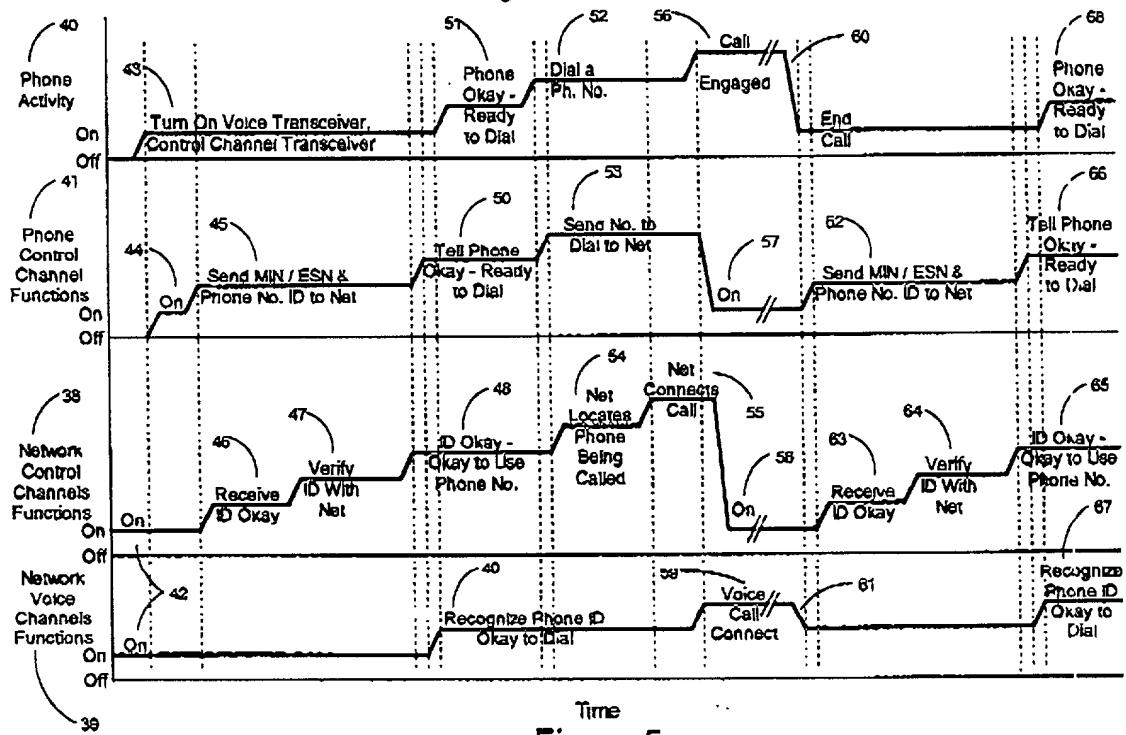


Figure 4

2008 RELEASE UNDER E.O. 14176

Making a Cellular Voice Call



10051746 011802

All Units Have Same MIN/ESN ID, and TN (Telephone No.)

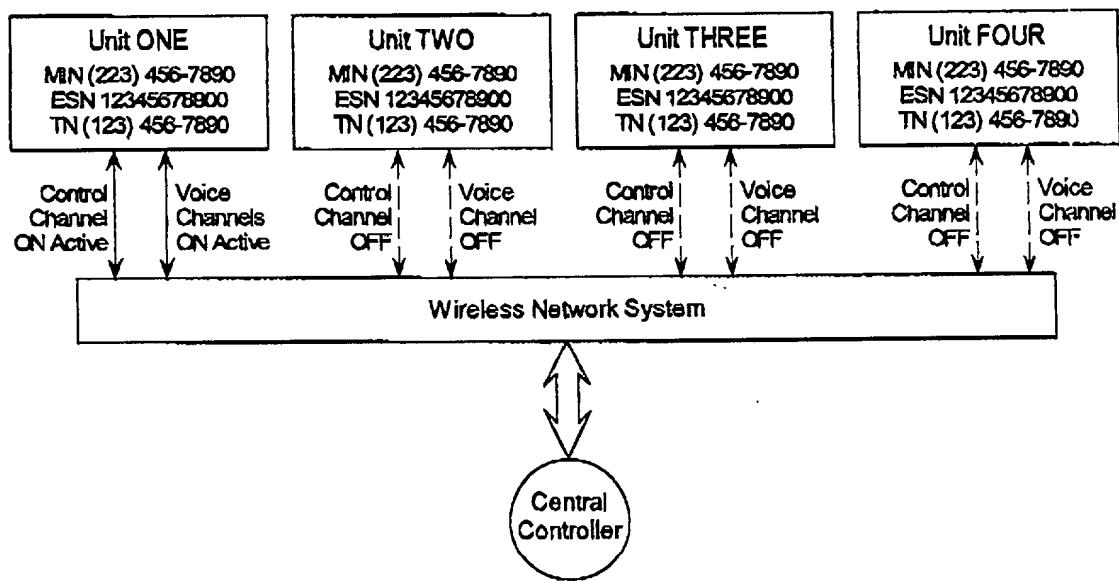


Figure 6 (a)

10051746 - 031800

Remote Programming Time Sharing Same MINs, ESNs, and Phone Numbers
4 Units, Scheduled as Needed, Without Time Conflict

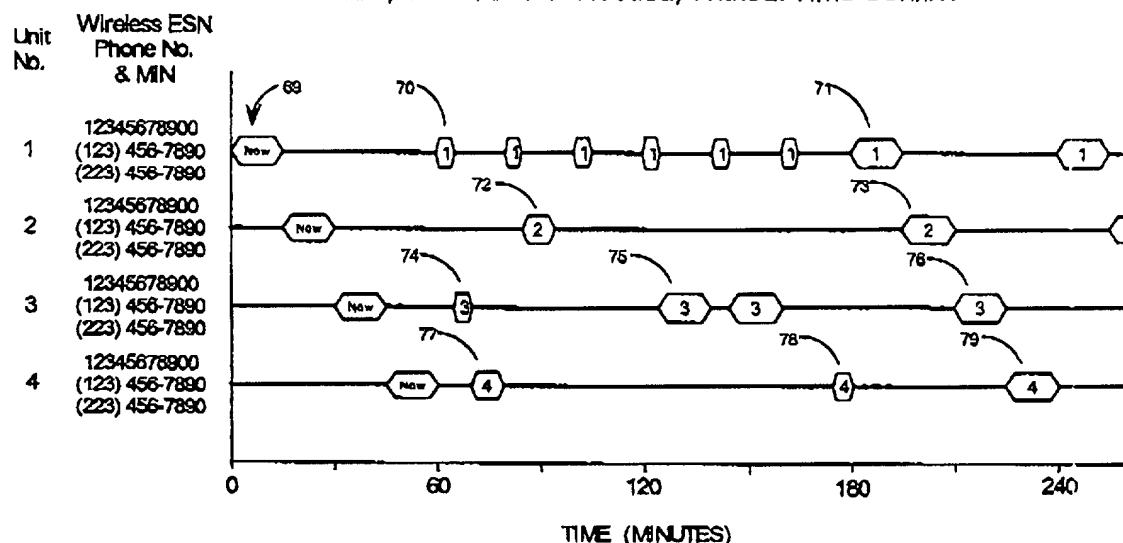


Figure 6 (b)

2005 RELEASE UNDER E.O. 14176

All Units Have Same MIN/ESN ID, and TN (Telephone No.), Plus a Unique MIN (#)

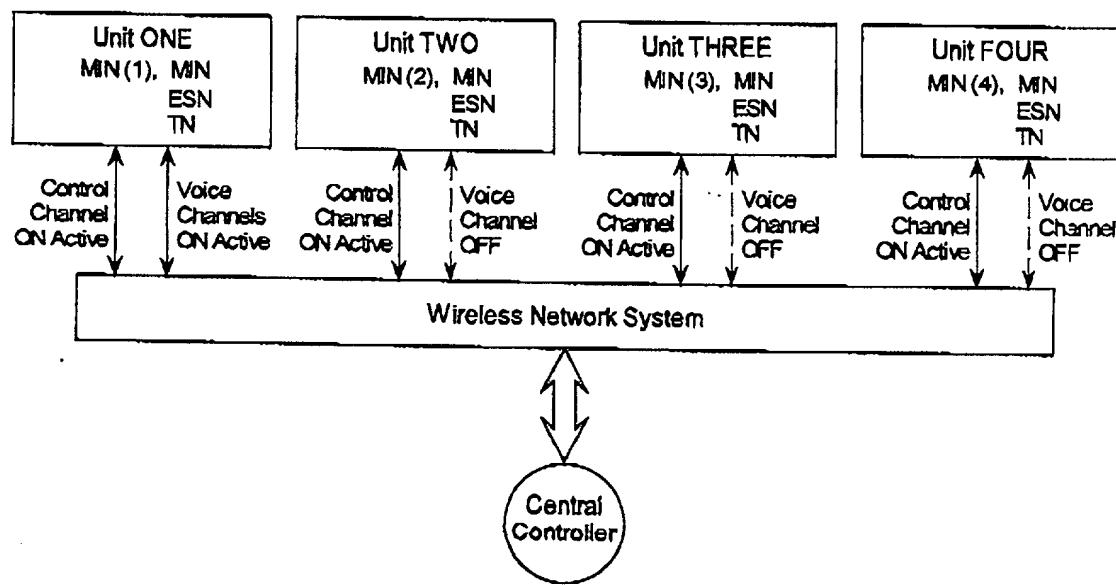


Figure 7 (a)

10051246 0931602

Cellular Control Channel Transceiver Unit Controls Communications
Time Sharing - Unique MIN, General ESN Switches Unit to General MIN/ESN ID and TN

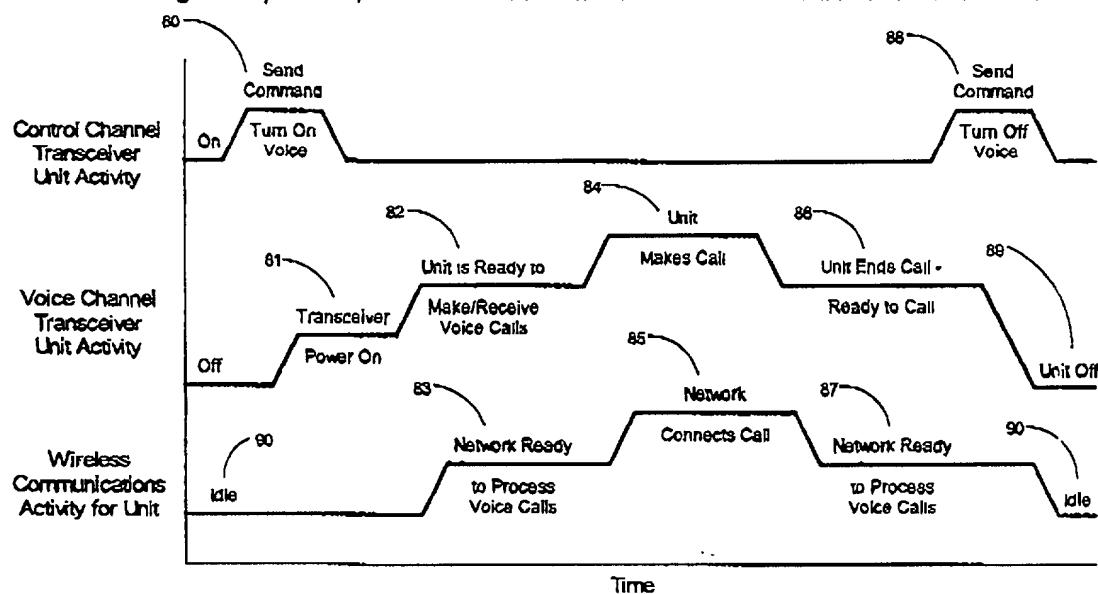


Figure 7 (b)

100517465 - Date 02/02

Command Centre Controlling MIN to Receive Voice Call

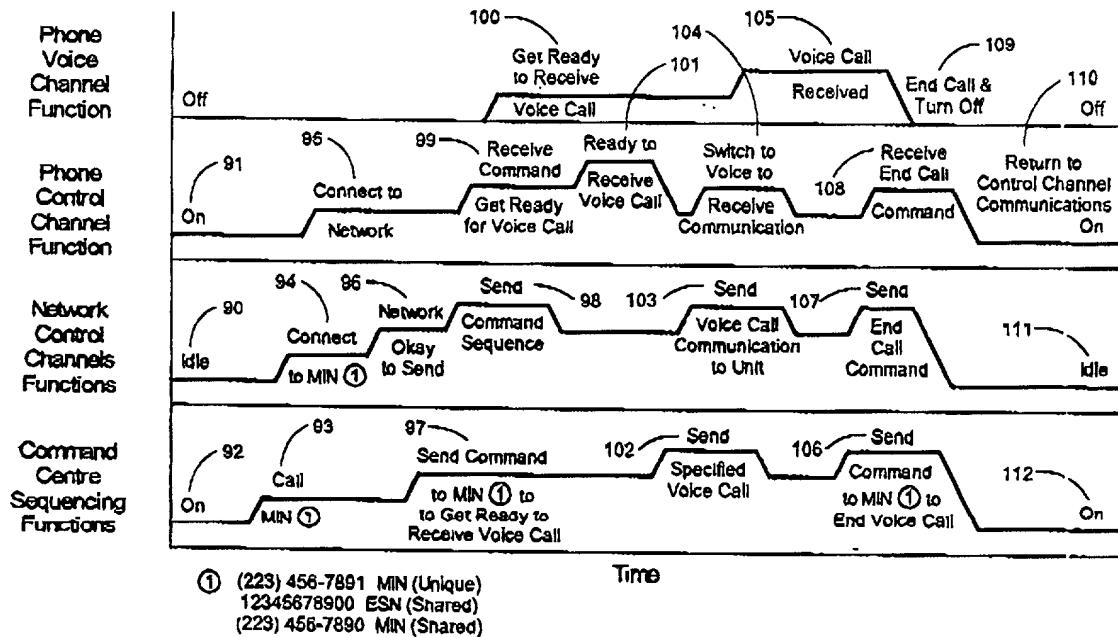


Figure 8

Fuzzy Logic for Remote Unit Controlling Network Access

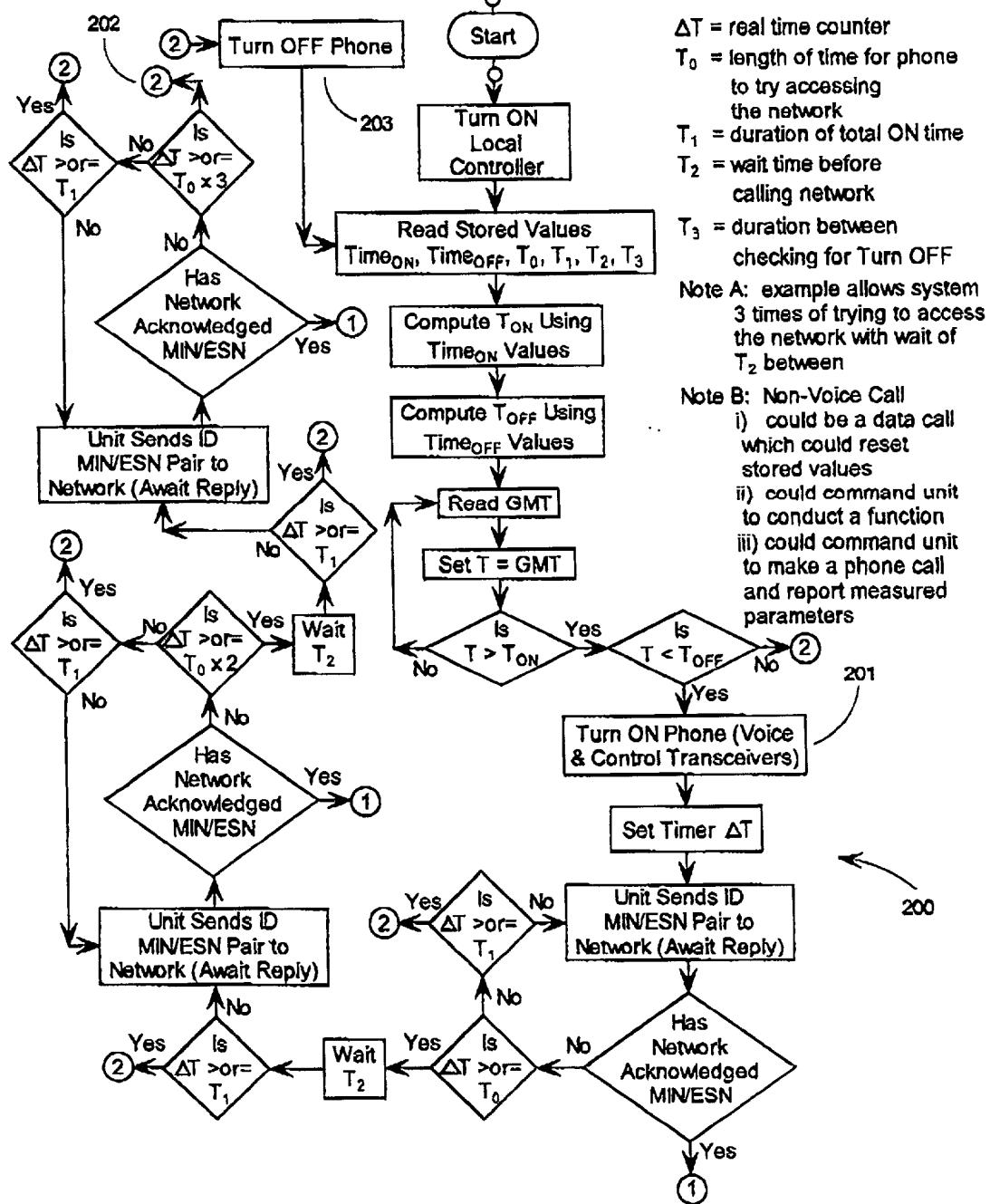


Figure 9 (a)

Fuzzy-logic for Remote Unit Controlling Network Access

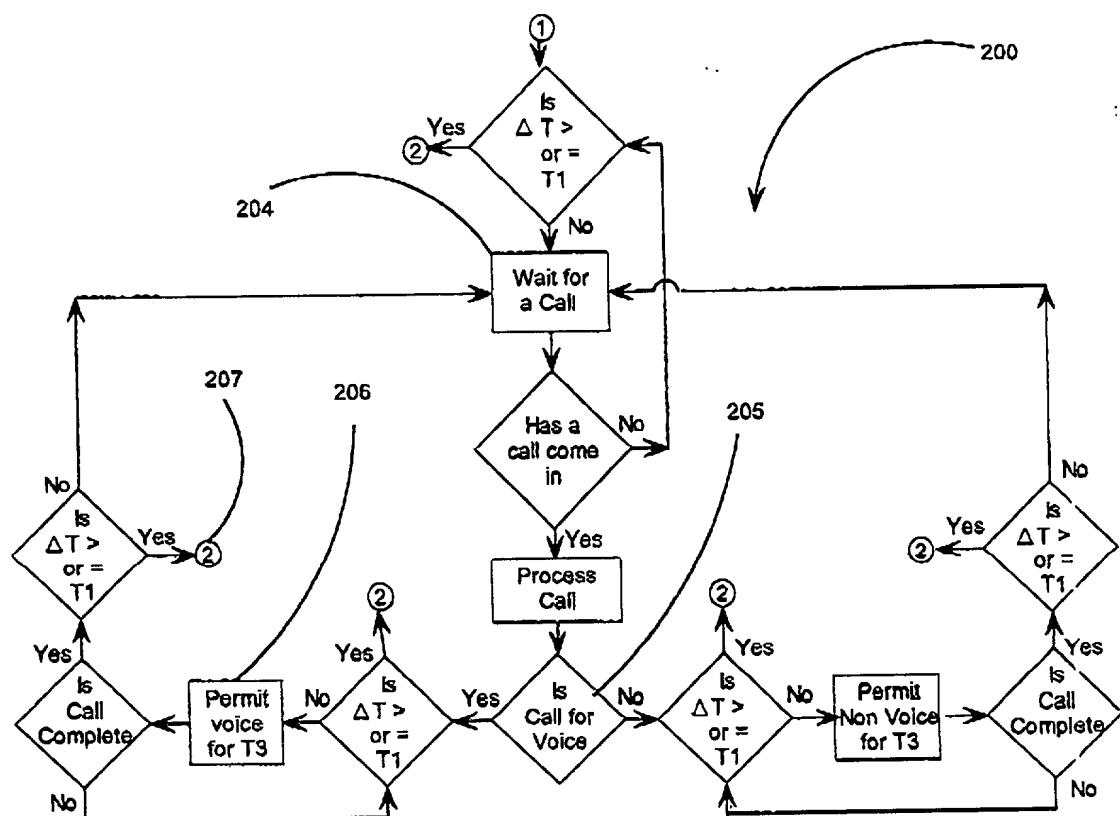


Figure 9 (b)

Fuzzy-logic Selection Algorithm

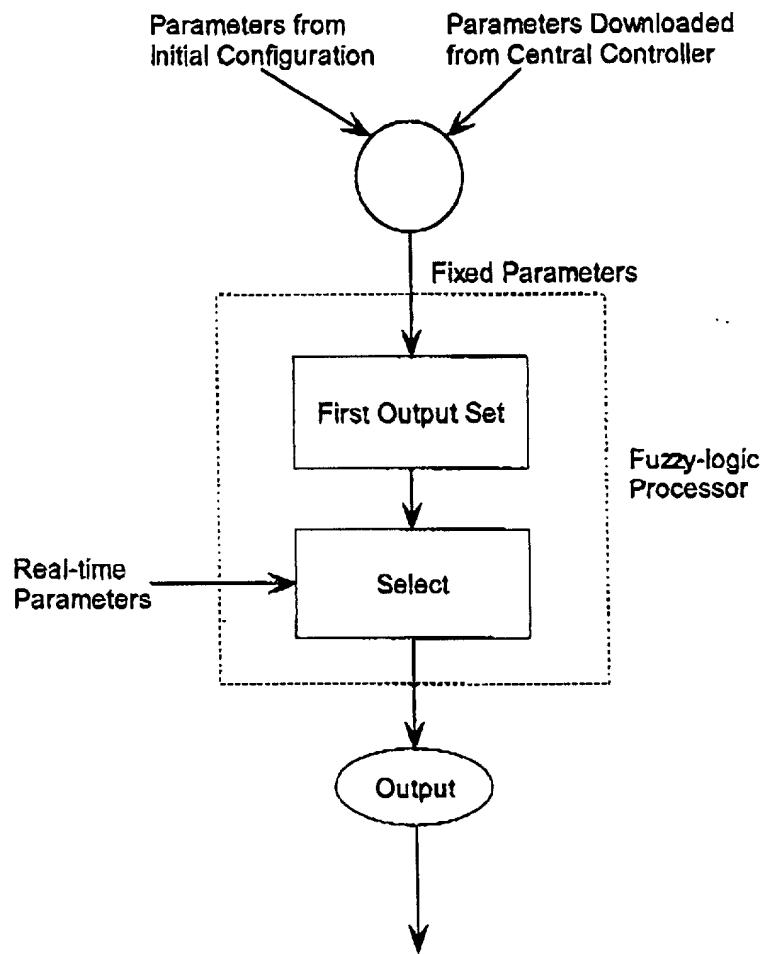


Figure 9 (c)

Fuzzy Logic for Remote Unit Switching To & From Voice or Control Channels, Calls by Central Controller Command

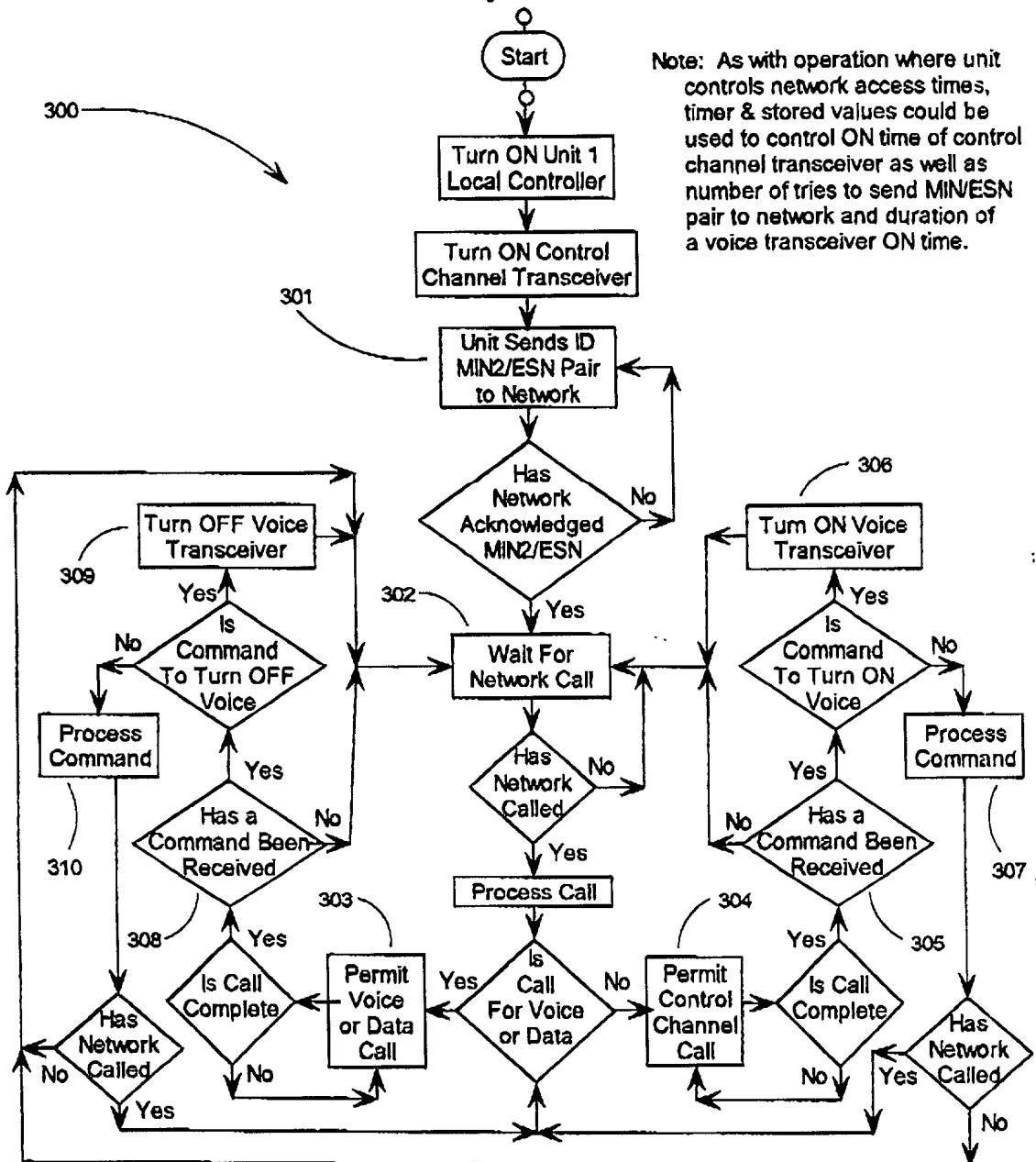


Figure 10